

Appln. No. 10/034,502  
 Docket No. 14XZ00124/GEM-0203  
 Amdt. dated April 25, 2005  
 Reply to Office Action mailed 01/24/2005

### AMENDMENTS TO THE SPECIFICATION

Beginning on page 5, please insert after paragraph [0026] the formula for  $R(L_i)$ , such that original paragraph [0026] and the inserted formula read as follows:

[0026] The means for autocorrelation MCOR then carry out for each row (stage 23) N autocorrelation of the vector of luminous intensity values associated with the row of elementary pixels, with respectively that vector and the N-1 vectors successively shifted by 1 elementary pixel, so as to obtain for each row a vector of N autocorrelation values. More precisely, each value of the autocorrelation vector of a row is defined by the following formula:

$$R(L_i) = \frac{\sum_{k=0}^{N-L_i-1} (x_{k+L_i} - \bar{x})(x_k - \bar{x})}{\sum_{k=0}^{N-1} (x_k - \bar{x})^2}$$